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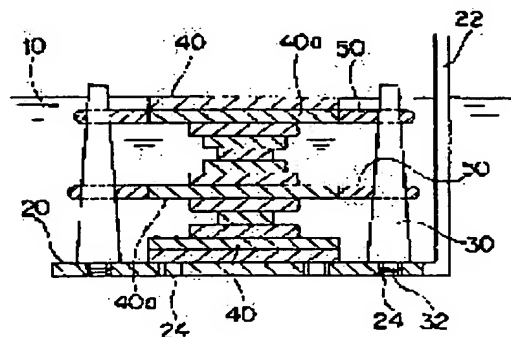
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## (54) FORMATION OF THREE-DIMENSIONAL SHAPE

## (57)Abstract:

**PURPOSE:** To reduce an increase in working labor or a working time and to certainly and strongly support photo-set layers by horizontally supporting a photo-set layers by the horizontal support arms formed by irradiating a photo-setting resin with light between the supports provided around the forming position of a three-dimensional shape and the photo-set layers forming the three-dimensional shape.

**CONSTITUTION:** Supports 30 are erected around the forming position of a three-dimensional shape, that is, around the range forming photo-set layers 40a by irradiating the thin layer of a photo-setting resin solution 10 with light. When the supports 30 are provided to the places nearer to the photo-set layer 40a constituting the three-dimensional shape, a horizontal support arm 50 can be shortly formed and the photo-set layer 40a can be well supported. The horizontal support arm 50 is formed by irradiating the photo-setting resin with light at least between the photo-set layer 40a for forming the three-dimensional shape and the supports 30 to connect the photo-set layer 40a and the supports 30.



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